

COUNTY BOROUGH OF SOUTHPORT

A N N U A L R E P O R T

OF THE

MEDICAL OFFICER OF HEALTH


AND

PRINCIPAL SCHOOL MEDICAL OFFICER

FOR THE YEAR 1973

Telephone No.
Southport 42411

Health Department,
2 Church Street,
Southport.



Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

<https://archive.org/details/b30120172>

T A B L E O F C O N T E N T S

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

	<u>Page</u>
Index	1
Health Committee	2
Senior Staff	2
Introduction	3
<u>SECTION 1</u>	
Statistics	6
<u>SECTION 11</u>	
Care of Mothers and Young Children	18
Midwifery	20
Health Visiting	20
Home Nursing	21
Ambulance Service	21
National Welfare Foods	21
Vaccination and Immunisation	22
Prevention of Illness - Care and After-care	23
<u>SECTION 111</u>	
Control of Infectious Disease	25
<u>SECTION IV</u>	
Additional Information	33
<u>SECTION V</u>	
Environmental Hygiene	37
<u>SECTION VI</u>	
Inspection and Supervision of Food	45
<u>SECTION VII</u>	
School Health Service	49

HEALTH COMMITTEE

(31st December, 1973)

The Worshipful the Mayor Alderman R. Molyneux

Chairman	...	...	Councillor H. Martland
Senior Deputy Chairman	...		Councillor J.H. Poynton
Junior Deputy Chairman	...		Councillor J. Hartley
Aldermen	...	...	E. McCabe, J.P. G.S. Wilkins
Councillors	...	...	Mrs. M. Auger T.A. Bentham G. Culshaw R.E. Earp Mrs. C. Kirwan K.J. Pulham
Co-opted Member	...	...	Dr. L.M. Mackenzie.

SENIOR STAFF OF THE DEPARTMENT

(in post on 31st December, 1973 - *indicates part-time staff)

Medical Officer of Health	P.W. Lang, L.R.C.P., L.R.C.S., L.R.F.P. & S. M.F.C.M., D.P.
Deputy Medical Officer of Health	G. Fletcher, B.A., M.B., Ch.B., D.P.H.
Senior Medical Officer in Department	E. Losonczy, M.B.E., M.D., D.P.H.
Medical Officer in Department	*K. Abraham, M.B., Ch.B.
Principal Dental Officer	W.L. Rothwell, L.D.S.(Liv.)
Senior Dental Officer	P.M. Roberts, B.D.S. (Liv.)
Dental Officer	P.L. Heathcote, L.D.S. (Liv.)
Public Analyst	*A.C. Bushnell, F.R.I.C.
Chief Public Health Inspector	S.D. Burge, F.R.S.H., M.A.P.H.I.
Director of Nursing Services	P.M. Scarborough, S.R.N., S.C.M., Q.N., H.V. Cert.
Chief Fire & Ambulance Officer	*J. Perkins, M.B.E., Grad.I. Fire E.
Administrative Assistant	F.H. Dix, A.C.I.S.

ANNUAL REPORT 1973

1973 the final complete year in the life of the County Borough of Southport will be the last for which an Annual Report is published by the town's Medical Officer of Health and Principal School Medical Officer. Because of the present very adverse financial situation affecting both the successor Local Authority and the Reorganised National Health Service, the report is little more than a duplicated table of statistical information. It would have been a very satisfactory conclusion to the long established Local Authority Public Health Service to have produced a well printed and bound Annual Report on the lines of those of previous years, but even the relatively limited number of copies which have been circulated in the past are a very expensive item and must be regarded as a luxury for which resources are not available. We are approaching the end of an era in which the provision of a number of health services for the community has been very competently handled by local health authorities and which appears to have been very satisfactory to the public as a whole. Progress has, however, demanded that the separate parts of the total health service should be brought together on the basis that their management can be more effectively achieved with greater economy than was possible with the tripartite structure.

The future pattern of health service management has become far clearer to us all as the year has progressed. It is to be hoped that with the massive changes resulting from reorganisation both of local government and of the national health service, there will eventually appear a clearly defined benefit for the consumer in terms of quality and quantity of services provided and of the accessibility of these to the public. One of the problems arising from the prospective reorganisation has been in connection with the need to keep members of the health department staff fully informed of developments in and the progress of reorganisation planning. A lesson soon learned was that staff morale is very susceptible to the prospect of change and feelings of anxiety soon make themselves manifest. Possibly re-location of the place of work is one of the major factors which leads to apprehension and anxiety amongst members of staff. It has not been easy to keep developments circulated and often there has been too little information available. Comments such as these have, I am sure, been forthcoming from health departments (and of course from hospital and executive council headquarters) throughout the length and breadth of the land. The full range of health services of the customary high quality was maintained by the health department throughout the year. This despite increasing work loads imposed upon the nursing service and heavy demands upon the medical staff. It is to be hoped that all these services will continue to be provided without break in continuity or diminution after the Health Services Act becomes operative on the 1st April 1974. This I consider to be of vital importance to the local community.

Like many of my colleagues whose jobs were due to disappear on the "appointed day" I was away from Southport on residential reorganisation courses for periods of three and four weeks earlier in the year. We were fortunate in that Dr. Gordon Fletcher joined the staff of the health department as Deputy Medical Officer of Health and Deputy Principal School Medical Officer in February. He quickly established himself in the deputising role. The pattern of heavy involvement in Working Parties and

Committees concerned with reorganisation, which had become established the previous year, was undiminished in 1973 and indeed increased considerably towards the end of the year.

Southport's first Health Centre became operational on the 8th January. The doctors moved their practices in during the week-end without any apparent discomfort and since then the general impression has been that patients who have used the health centre are well satisfied with its facilities. The local child health clinic which was formerly situated in a church hall now operates in modern comfortable accommodation and here again I feel members of the public utilising this and other local authority services are well content as indeed are our community health staff who provide the various clinic services. The official opening ceremony took place in March, the Health Committee's choice of opener being Dr. Norman Wishart, formerly Medical Officer of Health in Southport for many years.

Vital statistics for Southport in 1973 recently published reveal the lowest ever infant mortality rate recorded for the town. The figure was 10 deaths in infants under 1 year per thousand live births compared with the figure for England and Wales of 17 per thousand. This is good news indeed and can be interpreted as a measure of the quality of care an expectant mother receives in the ante-natal phase, the excellence of care during her confinement and that enjoyed by the newborn infant during the early months of its life. Environmental factors also play a considerable part in the preservation of life during the first few months. Again three of the major causes of death during the year have been cerebro-vascular disease, coronary heart disease and lung cancer. Following the national pattern once again I feel obliged to draw attention to the causal relationship between cigarette smoking and lung cancer and the well recognised adverse effect on the heart and circulation from cigarette smoking. Information about these preventable causes of death should be given absolute priority in all health education programmes.

Population figures now available from the Registrar General's 1971 Census indicate that there is little change in the structure of Southport's elderly population, though a precise comparison with the previous Census figures (those of 1961 which provided a total breakdown into five year age groups) cannot be made because the new figures include the population of Formby. The comment remains valid that many of the town's elderly citizens are in the very high age groups, most of them female. Many of them are living alone and without support. There is a continuing problem of accommodation, nursing and general support services when disability supervenes.

It has been customary for Medical Officers of Health to express their appreciation of all the help given to them by members of Council, fellow Chief Officers and all Health Department colleagues. On this final occasion I should like to acknowledge my indebtedness to the Health Committee, to fellow Heads of Departments and all Health Department staff for their interest, help and support during what has been a most trying year. In conclusion I should like to place on record my opinion that the quality of community health services provided by the Southport local health authority over the years has always been of a very high standard indeed.

P.W. Lang, M.F.C.M., D.P.H.
Medical Officer of Health and
Principal School Medical Officer

SECTION 1

S T A T I S T I C S

GENERAL STATISTICS

	<u>1972</u>	<u>1973</u>
Area of County Borough (including Foreshore) (acres)	18,333	18,333
Area of County Borough (excluding Foreshore) (acres)	9,426	9,426
Population (1971 Census Report)	84,349	84,349
Population (estimated by the Registrar General)	85,250	86,030
mid-year		
Density of Population per acre (excluding Foreshore)...	9.04	9.13

VITAL STATISTICS

Live Births Legitimate	...	...	...	...	...	829	813
Illegitimate	...	...	...	...	...	88	88
Total	...	...	...	...	...	917	901
Males	...	...	...	...	...	464	486
Females	...	...	...	...	...	453	415
Total	...	...	...	...	...	917	901
Rate per 1,000 population	...	...	...	...	...	10.8	10.5
Adjusted Birth Rate per 1,000 population	...	...	...	...	...	13.4	12.0
(area comparability factor)	...	...	...	...	...	(1.24)	(1.15)
Birth Rate for England and Wales	...	...	...	...	...	14.8	13.7
Illegitimate Live Births per cent of total live births	...	...	...	...	...	10%	10%
Stillbirths Number	...	...	...	...	...	9	11
Rate per 1,000 total live and stillbirths	...	...	...	...	...	10	12
Total live and stillbirths	...	...	...	...	...	926	912
Infant Deaths (under 1 year)	...	...	...	...	...	16	9
Infant Mortality Rates:							
Total Infant Deaths per 1,000 total live births	...	...	...	...	...	17	10
Legitimate Infant Deaths per 1,000 legitimate live births	...	...	...	...	...	18	11
Illegitimate Infant Deaths per 1,000 illegitimate live births	...	...	...	...	...	11	Nil
Infant Mortality Rate per 1,000 births for England and Wales	...	...	...	...	...	17	17
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	...	...	...	...	...	10	7
do. England and Wales	...	...	...	...	...	12	11
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	...	...	...	...	...	10	7
do. England and Wales	...	...	...	...	...	10	10
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	...	...	...	...	...	19	19
do. England and Wales	...	...	...	...	...	22	21
Maternal Mortality (including abortion)							
Number of Deaths	...	...	...	...	...	none	none
Rate per 1,000 total live and stillbirths	...	...	...	...	...	-	-

	Year 1971	1972		
Deaths Males	652	654)		
Females	771	824)	...	...
Rate per 1,000 population	...	...	...	1,478
Adjusted death rate per 1,000 population	...	...	...	1,558
(area comparability factor)	...	...	...	17.3
Death Rate for England and Wales	...	...	...	18.1
Excess of Deaths over Registered Births	...	...	...	11.6
	...	...	...	12.3
	...	...	...	(0.67)
	...	...	...	(0.68)
	...	...	...	12.1
	...	...	...	12.0
	...	...	...	561
	...	...	...	657

VITAL STATISTICS

Comparison of Birth, Death and Infant Mortality Rates for England, Wales and Southport for Period 1891 to 1973

PERIOD	BIRTH RATE (per 1,000 population)		DEATH RATE (per 1,000 population)		INFANT MORTALITY RATE (per 1,000 live births)	
	England & Wales	Southport	England & Wales	Southport	England & Wales	Southport
1891 - 1900	29.9	22.31	18.2	17.23	153	143
1901 - 1910	27.2	17.49	15.4	14.43	128	121
1911 - 1920	21.8	13.95	14.4	13.86	100	84
1921 - 1930	18.3	12.71	12.1	12.66	72	65
1931 - 1940	14.9	10.30	12.3	15.07	59	56
1941 - 1950	16.9	12.68	12.4	15.59	43	39
1951 - 1960	15.8	13.07	11.6	12.58	24.79	28.8
1961	17.4	15.11	12.0	13.34	21.4	17
1962	18.0	14.86	11.9	12.69	20.7	20.7
1963	18.2	16.40	12.2	13.12	20.9	25.4
1964	18.4	16.55	11.3	12.76	20.0	22.8
1965	18.1	16.48	11.5	11.72	19.0	22.8
1966	17.7	16.85	11.7	12.23	19.0	24.0
1967	17.2	17.09	11.2	12.44	18.3	12.3
1968	16.9	17.12	11.9	13.53	18.0	24.5
1969	16.3	16.00	11.9	12.7	18.0	20.0
1970	16.0	15.00	11.7	11.6	18.0	14.0
1971	16.0	15.10	11.6	10.9	18.0	23.0
1972	14.8	13.40	12.2	11.6	17.0	17.0
1973	13.7	12.00	12.0	12.3	17.0	10.0

Corrected Rates for births and deaths are shown from 1951

REGISTRAR GENERAL'S SHORT LIST OF CAUSES OF DEATH, 1973.

CAUSES OF DEATH	Sex	Total All Ages	Under 4 weeks	4 weeks under 1 yr.	Age in Years								
					1-4	5-14	15- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75+
B4 Enteritis and other diarrhoeal diseases.	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	1	-	-
B19(1) Malignant Neoplasm buccal cavity etc.	M	3	-	-	-	-	-	-	-	1	-	2	-
	F	4	-	-	-	-	-	-	-	-	-	-	4
B19(2) Malignant Neoplasm Oesophagus	M	4	-	-	-	-	-	-	-	1	-	2	1
	F	9	-	-	-	-	-	-	-	-	-	-	9
B19(3) Malignant Neoplasm Stomach	M	15	-	-	-	-	-	-	-	2	1	9	3
	F	13	-	-	-	-	-	-	-	-	1	3	9
B19(4) Malignant Neoplasm Intestine	M	16	-	-	-	-	-	-	-	-	2	8	6
	F	26	-	-	-	-	-	-	1	1	5	11	8
B19(5) Malignant Neoplasm Larynx	M	2	-	-	-	-	-	-	-	-	-	2	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B19(6) Malignant Neoplasm Lung, Bronchus	M	53	-	-	-	-	-	-	-	3	12	31	7
	F	20	-	-	-	-	-	1	-	4	4	5	6
B19(7) Malignant Neoplasm Breast	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	25	-	-	-	-	-	-	2	5	5	6	7
B19(8) Malignant Neoplasm Uterus	F	8	-	-	-	-	-	-	1	1	2	1	3
B19(9) Malignant Neoplasm Prostate	M	9	-	-	-	-	-	-	-	-	1	2	6
B19(10) Leukaemia	M	2	-	-	-	-	-	-	-	-	-	1	1
	F	4	-	-	-	-	-	-	-	-	1	2	1
B19(11) Other Malignant Neoplasms etc.	M	32	-	-	-	-	-	-	-	2	12	11	7
	F	36	-	-	-	-	-	-	-	4	4	11	16
B20 Benign and Unspecified Neoplasms	M	2	-	-	-	-	-	-	-	-	1	-	1
	F	-	-	-	-	-	-	-	-	-	-	-	-
B21 Diabetes Mellitus	M	7	-	-	-	-	-	-	-	-	1	3	3
	F	11	-	-	-	-	-	-	-	-	-	4	7
B22 Avitaminoses etc.	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	-	-	-	-	-	-	-	-	-	-	-	-
B46(1) Other Endocrine etc. diseases.	M	1	-	-	-	-	-	-	-	-	1	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
B23 Anaemias	M	3	-	-	-	-	-	-	-	-	-	1	2
	F	5	-	-	-	-	-	-	-	-	-	1	4
B46(3) Mental Disorders	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
B24 Meningitis	M	1	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B46(4) Multiple Sclerosis	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	1	-	-	-

CAUSES OF DEATH	Sex	Total All Ages	Under 4 weeks	4 weeks under 1 yr.	Age in Years								
					1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
B46(5) Other Diseases of Nervous System etc.	M	8	-	-	-	-	-	-	-	2	-	6	-
	F	10	-	-	1	1	-	-	-	1	-	2	5
B26 Chronic Rheumatic Heart Disease	M	5	-	-	-	-	-	-	1	1	1	-	2
	F	5	-	-	-	-	-	-	-	1	2	-	2
B27 Hypertensive Heart Disease	M	7	-	-	-	-	-	-	1	-	1	3	2
	F	11	-	-	-	-	-	-	-	-	-	3	8
B28 Ischaemic Heart Disease	M	206	-	-	-	-	-	-	3	20	42	74	67
	F	209	-	-	-	-	-	-	1	3	14	43	148
B29 Other forms of Heart Disease	M	47	-	-	-	-	-	-	1	-	3	17	26
	F	73	-	-	-	-	-	-	-	2	-	10	61
B30 Cerebrovascular Disease	M	85	-	-	-	1	-	1	1	4	8	17	53
	F	166	-	-	-	-	-	-	-	-	5	33	128
B46(6) Other diseases of circulatory system	M	15	-	-	-	-	-	1	-	-	4	4	6
	F	37	-	-	-	-	-	-	-	-	1	4	32
B31 Influenza	M	4	-	-	-	-	-	1	-	1	-	2	-
	F	16	-	-	-	-	-	-	-	-	1	2	13
B32 Pneumonia	M	39	-	-	1	-	-	-	1	-	3	8	26
	F	46	-	-	-	1	-	-	-	-	-	10	35
B33(1) Bronchitis and Emphysema	M	48	-	-	-	-	-	-	-	4	7	15	22
	F	32	-	-	-	-	-	-	-	-	3	13	16
B33(2) Asthma	M	1	-	-	-	-	-	-	-	-	1	-	-
	F	3	-	-	-	-	-	-	-	-	1	1	1
B46(7) Other diseases of respiratory system	M	5	-	1	-	-	-	-	-	-	-	3	1
	F	7	-	-	-	-	-	-	1	1	-	1	4
B34 Peptic Ulcer	M	8	-	-	-	-	-	-	-	-	3	1	4
	F	5	-	-	-	-	-	-	-	-	-	-	5
B36 Intestinal Obstruction and Hernia	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	6	-	-	-	-	-	-	-	-	-	2	4
B37 Cirrhosis of Liver	M	3	-	-	-	-	-	-	-	2	-	1	-
	F	4	-	-	-	-	-	-	-	-	1	2	1
B46(8) Other diseases of Digestive System	M	5	-	-	-	-	-	-	-	1	-	2	2
	F	13	-	-	-	-	-	-	-	2	2	3	6
B38 Nephritis and Nephrosis	M	3	-	-	-	-	-	1	-	-	1	1	-
	F	1	-	-	-	-	-	-	-	-	-	1	-
B39 Hyperplasia of Prostate	M	2	-	-	-	-	-	-	-	-	-	1	1
B46(9) Other diseases, Genito-urinary system	M	2	-	-	-	-	-	-	-	-	-	1	1
	F	4	-	-	-	-	-	-	-	-	1	2	1
B46(10) Diseases of Skin, subcutaneous tissue	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	4	-	-	-	-	-	-	-	-	2	-	2

1973 Continued

CAUSES OF DEATH	Sex	Total All Ages	Under 4 weeks	4 weeks under 1 yr.	Age in Years								
					1-4	5-14	15- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75+
B46(11) Diseases of Musculo-Skeletal System	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	7	-	-	-	-	-	-	-	-	1	2	4
B42 Congenital Anomalies	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	1	-	-	-	-	-	-	-	1	-
B43 Difficult delivery and/or Anoxic condition	M	2	2	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
B44 Other causes of Perinatal Mortality	M	2	2	-	-	-	-	-	-	-	-	-	-
	F	2	2	-	-	-	-	-	-	-	-	-	-
B45 Symptoms and Ill-defined conditions	M	7	-	1	-	-	1	-	-	-	-	1	4
	F	8	-	-	-	-	-	-	-	1	-	-	7
BE47 Motor Vehicle accidents	M	14	-	-	-	1	5	1	2	1	1	1	2
	F	10	-	-	-	-	1	-	1	-	2	-	6
BE48 All other accidents	M	6	-	-	-	-	1	-	1	-	-	1	3
	F	16	-	-	-	-	-	-	1	2	1	-	12
BE49 Suicide and self-inflicted injuries	M	6	-	-	-	1	1	-	-	-	1	2	1
	F	9	-	-	-	-	-	1	2	2	1	3	-
BE50 All other external causes	M	3	-	-	-	-	1	-	1	-	1	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL ALL CAUSES	M	687	4	2	1	4	9	5	12	45	108	234	263
	F	871	2	1	1	3	1	2	10	31	61	182	577

PROPORTION OF DEATHS FROM PRINCIPAL CAUSES

CAUSE OF DEATH	1972		1973	
	Number	% of total deaths	Number	% of total deaths
Heart Disease including diseases of the circulatory system	613	41.47	615	39.47
Cancer	254	17.19	281	18.04
Cerebrovascular disease	238	16.10	251	16.11
Respiratory Diseases	167	11.30	201	12.90
Violence, including suicide	61	4.13	61	3.92
All other causes	145	9.81	149	9.56
Totals	1478	100.00	1558	100.00

DEATHS DUE TO VIOLENCE, 1973

Classification	Male	Female	Totals
Motor Vehicle Accidents	14	10	24
All other accidents	6	16	22
Suicide	6	9	15
Totals	26	35	61

Age Groups	0-15 yrs.		15-65 yrs.		65 and over	
	M	F	M	F	M	F
Motor Vehicle Accidents	1	-	10	4	3	6
All other accidents	-	-	2	4	4	12
Suicide and self-inflicted injuries	1	-	2	6	3	3
Totals	2	-	14	14	10	21

DEATHS

Numbers and Rates per 1,000 population and per 1,000 births - years 1964-1973

Year	Popu- lation	Male	Female	Total	Rate per 1,000 Popu- lation	Cor- rected for Age and Sex	INFANTS						Pulm'ry Tuber- culosis	Rate per 1,000 Popu- lation	Other Forms T.B.	Rate per 1,000 Popu- lation
							Under One Year	Rate per 1,000 Births	Legiti- mate	Rate per 1,000 Legiti- mate Births	Illegiti- mate	Rate per 1,000 Illegiti- mate Births				
1964	80080	641	819	1460	18.23	12.76	21	19	20	19	1	14	7	0.09	1	0.01
1965	79980	662	758	1420	17.76	11.72	25	23	20	20	5	55	3	0.04	1	0.01
1966	80000	636	803	1439	17.99	12.23	27	24	25	24	3	26	4	0.05	-	-
1967	79710	685	794	1479	18.56	12.44	14	12	12	11	2	18	1	0.01	-	-
1968	79940	699	915	1614	20.19	13.53	28	25	24	23	4	32	-	-	-	-
1969	79430	671	859	1530	19.3	12.7	21	20	20	21	1	9	-	-	-	-
1970	83000	640	848	1488	17.9	11.6	15	14	12	13	3	28	1	0.01	-	-
1971	84870	652	771	1423	16.8	10.9	24	23	23	24	1	9	-	-	-	-
1972	85250	654	824	1478	17.3	11.6	16	17	15	18	1	11	3	0.04	-	-
1973	86030	687	871	1558	18.1	12.3	9	10	9	11	-	-	-	-	-	-

CANCER

Localisation of Disease and Number of Deaths for years 1964 to 1973

Site	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Stomach	33	26	33	24	30	21	25	27	25	28
Lung Tronchus	45 (M 33) (F 12)	61 (M 43) (F 18)	52 (M 42) (F 10)	58 (M 50) (F 8)	55 (M 49) (F 6)	58 (M 47) (F 11)	51 (M 32) (F 19)	60 (M 48) (F 12)	55 (M 43) (F 12)	73 (M 53) (F 20)
Breast	18	25	26	30	25	21	28	28	26	25
Uterus	7	10	8	12	11	14	11	6	5	8
Other Sites	122	118	121	118	129	120	134	142	133	141
Leukaemia	9	7	11	8	9	12	5	4	10	6
Total Deaths from Cancer	234	247	251	250	259	246	254	267	254	281
Total Deaths All Causes	1460	1420	1439	1479	1614	1530	1488	1423	1478	1558
% of Cancer Deaths	16.03	17.40	17.44	16.90	16.05	16.08	17.07	18.76	17.19	18.04

MATERNAL MORTALITY FOR YEARS 1964 TO 1973

Year	No. of Live Births	No. of Live and Still Births	Maternal Deaths Rates per 1,000 Live and Stillbirths					
			Sepsis		Other Causes		Total	
			No.	Rate	No.	Rate	No.	Rate
1964	1105	1129	-	-	1	0.88	1	0.88
1965	1098	1117	-	-	-	-	-	-
1966	1124	1151	-	-	-	-	-	-
1967	1135	1154	-	-	-	-	-	-
1968	1141	1154	-	-	1	0.90	1	0.90
1969	1056	1071	-	-	-	-	-	-
1970	1037	1051	-	-	-	-	-	-
1971	1066	1077	-	-	-	-	-	-
1972	917	926	-	-	-	-	-	-
1973	901	912	-	-	-	-	-	-

CONGENITAL MALFORMATIONS

As shown below 11 cases of congenital malformations occurring in Southport children were reported during 1973. There were 3 males and 8 females, of these 1 female was stillborn and 1 female died.

	Live		Stillborn		Deaths	
	M	F	M	F	M	F
Down's Syndrome	-	2	-	-	-	-
Spina Bifida	1	1	-	-	-	-
Spina Bifida and Hydrocephalus	-	1	-	-	-	1
Spina Bifida, Hydrocephalus and Bilateral Talipes	-	-	-	1	-	-
Talipes	2	2	-	-	-	-
Absence of Fingers left hand	-	1	-	-	-	-
TOTALS	3	7	-	1	-	1

PREMATURE BIRTHS FOR YEAR 1973

Weight at Birth	Premature Live Births													
	Born in hospital							Born at home or in a nursing home						
	Nursed, entirely at home or in a nursing home							Transferred to hospital on or before 28th day						
	Prem. Still Births							At home or in a Nursing Home						
	Total Births	within 24 hours of birth	Died In 1 and under 7 dys.	Died In 7 and under 28 dys.	Total Births	within 24 hours of birth	Died In 1 and under 7 dys.	Died In 7 and under 28 dys.	Total Births	within 24 hours of birth	Died In 1 and under 7 dys.	Died In 7 and under 28 dys.	In Hospital	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2 lb. 3 oz. or less	6	3	1	-	-	-	-	-	-	-	-	-	4	-
Over 2 lb. 3 oz. up to and incl. 3 lb. 4 oz.	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Over 3 lb. 4 oz. up to and incl. 4 lb. 6 oz.	14	-	-	-	-	-	-	-	-	-	-	-	3	-
Over 4 lb. 6 oz. up to and incl. 4 lb. 15 oz.	8	1	-	-	-	-	-	-	-	-	-	-	1	-
Over 4 lb. 15 oz. up to and incl. 5 lb. 8 oz.	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	53	4	1	-	-	-	-	-	-	-	-	-	8	-

INFANT MORTALITY

Number of Deaths from Stated Causes at Various Periods
Under 1 Year of Age for Year 1973

Cause of Death	Under 1 day	1 day	2 days	3 days	4 days	5 days	6 days	7-13 days	14-20 days	21-28 days	28 days - 2 mths.	2 mths.	3 mths.	4 mths.	5 mths.	6 mths.	7 mths.	8 mths.	9 mths.	10 mths.	11 mths.	Total under 1 year
Congenital Abnormalities	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Prematurity	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Respiratory Failure	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3
Sudden Death	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Others	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTALS	3	1	2	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	9

SECTION 11

PERSONAL HEALTH SERVICES

CARE OF MOTHERS AND YOUNG CHILDREN

Physiotherapy

	Ante-natal	Post-natal
No. of women who attended for the first time during 1973		
St. Katharine's Maternity Hospital ...	51	112
Christiana Hartley Maternity Hospital ...	101	9
District cases	1	-
Born Elsewhere	13	3
Total No. of cases	166	124
No. of attendances during the year ...	750	154
No. of sessions held by physiotherapists during the year	120	74

Child Health Centres

	Marsh St. Mark Church- town	Hamp- ton Road	Poul- ton Road	Lincoln House	Cros- sens	Derby Road	Ains- dale	Total
No. of children who attended during 1973 who have not attended previously this year:								
Born 1973	116	163	113	122	43	95	90	742
1972	143	199	113	142	88	126	93	904
1968-71	154	277	336	282	146	138	199	1532
TOTALS	413	639	562	546	277	359	382	3178
Total attendances during the year	2536	2778	2549	2906	1506	1917	1699	15891
No. of sessions during the year	52	103	102	103	48	50	98	556
Aver. att. per session	49	27	25	28	31	38	17	29
No. of child. referred for special treatment or advice as a result of a med. exam.	29	51	25	53	30	19	21	228
No. of sessions by:								
Med. Officers	51	100	56	102	48	50	98	505
G.P's employed on sess.basis	-	-	-	-	-	-	-	-
Hosp.Med.Staff	-	-	-	-	-	-	-	-
H.Vs/Sch.Nurses (with doctor)	139	207	155	211	99	121	167	1099
H.Vs(without doctor)	1	3	46	1	-	-	-	51

DENTAL SERVICES FOR EXPECTANT AND NURSING MOTHERS AND
CHILDREN UNDER FIVE YEARS

	Children 0-4 (incl.)	Expectant and Nursing Mothers
ATTENDANCES AND TREATMENT		
First visits	101	7
Subsequent visits	106	2
Total visits	207	9
Number of additional courses of treatment other than the first course commenced during year ...	33	1
Number of fillings	159	6
Teeth filled	150	5
Teeth extracted	94	2
General anaesthetics given	40	2
Emergency visits by patients	1	1
Patients X-Rayed	1	-
Patients treated by scaling and/or removal of stains from the teeth (prophylaxis)	4	1
Teeth otherwise conserved	19	-
Number of courses of treatment completed during the year	130	3
PROSTHETICS		
Patients supplied with full upper or full lower dentures (first time) ...	-	-
Patients supplied with other dentures	-	-
Number of dentures supplied	-	-
General anaesthetics administered by Dental Officers	-	-
INSPECTIONS		
Number of patients given first inspections during the year	255	9
Number of patients who required treatment	87	9
Number of patients who were offered treatment	87	9
Number of patients re-inspected during year	132	-
SESSIONS		
Number of Dental Officer sessions devoted to Maternity and Child Welfare patients	71	

MIDWIFERY

No. of domiciliary confinements attended by district midwives during 1973	6
Premature Babies ($5\frac{1}{2}$ lb. or under)	
No. born at and being nursed at home	-
No. born at home and transferred to hospital	-
Stillbirths	-
Total	-
No. of mothers delivered in hospitals and other institutions but discharged and attended by district midwives	843
No. of home visits made by district midwives ...	5,906

HEALTH VISITING

Home Visits during 1973	
Expectant Mothers	331
Children under 5 years	9,672
Adults (excluding expectant mothers and tuberculosis)	
Under 65	1,011
65 and over	6,256
Others	1,440
Total No. of effective visits made by Health Visitors/School Nurses	18,710

Sessions attended by Health Visitors and Nurses during 1973	No. of sessions
<u>Local Health Authority</u>	
Child Health Clinics	1,096
Miscellaneous	390
Health Education	260
B.C.G. and Heaf Testing	50
Mothers Evening Clubs	34
Hearing Tests	94
Cytology at Health Department	30
<u>Hospitals</u>	
Geriatric	159
Paediatric	122
Venereal Diseases	5
<u>General Practitioners</u>	
G.P.'s Child Health Clinics	224
G.P.'s Cytology	19
G.P.'s Ante-natal	11

HOME NURSING

Total No. of new patients visited during 1973 (i.e. patients who have not been previously visited this year)	4,476
No. of patients who were aged:	
under 5 years at time of first visit this year	91
over 65 years at time of first visit this year	2,630
Total No. of visits made by nurses during the year	91,279

No. of Injection Clinics	No. of Attendances
At G.P. Surgeries 426	1218
At Child Health Centres 396	1318
At Health Centres 255	3838
At Local Authority premises 204	2357
Total 1281	8731

AMBULANCE SERVICE

Statistics for years 1969 to 1973

	1969	1970	1971	1972	1973
No. of patients	39,371	35,840	38,717	38,259	36,622
Other work	1,467	1,286	1,702	1,846	1,908
TOTALS	40,838	37,126	40,419	40,105	38,530
No. of miles	138,743	139,477	145,244	148,188	139,119

NATIONAL WELFARE FOODS

Quantities sold during 1973	National Dried Milk	Vitamin Tablets	Vitamin Drops
Health Department --			
Counter issues	207	190	379
Issues to Day Nurseries ...	-	-	90
Total sales from Health Department	207	190	469
Child Health Centre --			
Ainsdale	25	199	498
Lincoln House	88	203	547
Crossens	-	38	188
Poulton Road	98	73	347
Hampton Road	101	211	497
Churchtown	7	178	505
Derby Road	108	21	255
Total sales from Child Health Centres	427	923	2837
GRAND TOTALS	634	1113	3306

VACCINATION AND IMMUNISATION.

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, Measles and German Measles.

Primary Doses

Type of vaccine or dose	Year of birth					Others under age 16	Total under age 16
	1973	1972	1971	1970	1966-69		
1 Quadruple: Diphtheria, Whooping Cough, Tetanus and Poliomyelitis	-	-	-	-	-	-	-
2 Triple: Diphtheria Whooping Cough and Tetanus	19	594	212	14	11	1	851
3 Diphtheria/Whooping Cough	-	-	-	-	-	-	-
4 Diphtheria/Tetanus	-	3	1	4	3	14	25
5 Diphtheria	-	-	-	-	-	-	-
6 Whooping Cough	-	-	-	-	-	-	-
7 Tetanus	-	-	-	-	-	1	1
8 Salk (Poliomyelitis)	-	-	-	-	-	-	-
9 Sabin (ditto Oral)	15	591	213	14	12	1	846
10 Measles	2	364	257	45	44	4	716
11 Rubella	-	-	-	-	-	411	411
12 Lines 1+2+3+4+5 (Diphtheria)	19	597	213	18	14	15	876
13 Lines 1+2+3+6 (Wh. Cough)	19	594	212	14	11	1	851
14 Lines 1+2+4+7 (Tetanus)	19	597	213	18	14	16	877
15 Lines 1+8+9 (Polio)	15	591	213	14	12	1	846

Reinforcing Doses

Type of vaccine or dose	Year of birth					Others under age 16	Total under age 16
	1973	1972	1971	1970	1966-69		
1 Quadruple: Diphtheria, Whooping Cough, Tetanus and Poliomyelitis	-	-	-	-	-	-	-
2 Triple: Diphtheria, Whooping Cough and Tetanus	-	2	12	2	146	5	167
3 Diphtheria/Whooping Cough	-	-	-	-	-	-	-
4 Diphtheria/Tetanus	-	-	2	1	602	13	618
5 Diphtheria	-	-	-	-	-	-	-
6 Whooping Cough	-	-	-	-	-	-	-
7 Tetanus	-	-	-	-	5	13	18
8 Salk (Poliomyelitis)	-	-	-	-	-	-	-
9 Sabin (ditto Oral)	-	1	15	2	736	23	777
10 Lines 1+2+3+4+5 (Diphtheria)	-	2	14	3	748	18	785
11 Lines 1+2+3+6 (Wh. Cough)	-	2	12	2	146	5	167
12 Lines 1+2+4+7 (Tetanus)	-	2	14	3	753	31	803
13 Lines 1+8+9 (Polio)	-	1	15	2	736	23	777

PREVENTION OF ILLNESS - CARE AND AFTER-CARE

Nursing Equipment

During 1973 nursing equipment was supplied to 1,439 patients.

Incontinence pads

During 1973, 57,543 pads and 57,687 liners were supplied to patients.

Chiropody for the Elderly

	Year 1972	Year 1973
No. of clinics held	453	429
No. of treatments for patients at 44 Houghton Street	3,768	3,604
Average No. of treatments per clinic session	8.3	8.4

Chiropody for Expectant Mothers and Handicapped Persons

During 1973, 11 physically handicapped persons made 76 attendances at Mr. Rogans clinic. No expectant mothers were referred during the year.

Cervical Cytology

During 1973, 32 clinics were held by the Local Authority; 510 women attended and 510 smears were submitted for testing. Of these 3 proved to be positive, 7 were doubtful positives requiring re-testing and 61 women needed treatment for other conditions.

Family Doctors sent 366 smears to the Department for examination by the consultant pathologist.

SECTION III

CONTROL OF INFECTIOUS DISEASE

TUBERCULOSIS

New Cases and Mortality

The 12 new cases came to the notice of the Clinic in the following ways:-

By primary notifications ...	...	...	10
By transfers from other areas ...	...	...	2
Death Returns ...	...	...	-
Total ...			12

Statistics for Year 1973

Age Periods (In years)	No. of New Patients				No. of Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 to 1	-	-	-	-	-	-	-	-
2 to 5	-	-	-	-	-	-	-	-
5 to 15	1	1	-	-	-	-	-	-
15 to 25	2	1	-	-	-	-	-	-
25 to 45	2	-	-	-	-	-	-	-
45 to 65	2	1	-	-	-	-	-	-
65+	-	-	-	-	-	-	-	-
TOTALS	7	3	-	-	-	-	-	-

Statistics for Years 1964 to 1973

Year	No. of New Patients		No. of Deaths	
	Respiratory	Non-Respiratory	Respiratory	Non-Respiratory
1964	22	2	7	1
1965	19	1	3	-
1966	20	2	4	-
1967	19	5	1	-
1968	9	3	-	-
1969	12	4	-	-
1970	17	2	1	-
1971	9	-	-	-
1972	15	2	3	-
1973	12	-	-	-

Contacts

During the year 200 attendances were made by contacts of patients; the total number of X-ray examinations of contacts was 149. 1 contact was found to be suffering from tuberculosis in 1973.

Domiciliary Visiting

A Health Visitor is employed by the Local Health Authority for the purpose of visiting cases in their own homes to give help and advice to patients and their families.

The following were the number of home visits made by this Health Visitor during the year:-

Tuberculosis patients	...	...	...	76
To contacts of tuberculosis patients				106
To other chest patients	...	...	...	31
Total Visits				213

In addition, the Health Visitor also attends at the tuberculosis treatment and contact clinics and this arrangement is very satisfactory as it provides a useful link between the Hospital Service and the Local Health Authority Service.

During 1973, the Health Visitor made 19 attendances at the tuberculosis clinics.

Immigration

10 immigrants coming to live in Southport were notified to the Local Authority by Port Health Authorities.

B.C.G. Vaccination against Tuberculosis

Statistics for Years 1964 to 1973

Year	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
No. vaccinated:										
At B.C.G. clinics	28	23	30	27	26	8	22	19	23	19
Babies seen by the Consultant Paediatrician	37	18	14	15	17	20	19	13	14	15
School children	728	710	739	749	727	803	774	832	883	948
TOTALS	793	751	783	791	770	831	815	864	920	982

TUBERCULOSIS
Treatment Clinic - Statistics for years 1969 to 1973

	1969			1970			1971			1972			1973		
	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total
1. No. of patients on register at beginning of year	103	10	113	93	12	105	100	10	110	95	10	105	88	9	97
2. No. of patients added during the year:															
(a) Primary notifications of new cases ...	9	2	11	12	1	13	4	-	4	12	1	13	10	-	10
(b) Transfers from other areas	4	-	4	5	1	6	5	-	5	3	1	4	2	-	2
(c) Lost sight of cases returned	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS (1)	117	12	129	110	14	124	109	10	119	110	12	122	100	9	109
3. No. of patients deleted during the year:															
(a) Died (from Tuberculosis)	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
(b) Transferred to other areas	2	-	2	4	-	4	4	-	4	1	-	1	1	-	1
(c) Recovered	20	-	20	1	4	5	6	-	6	18	3	21	4	-	4
(d) Lost sight of or refused further assistance	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
(e) Tuberculosis NOT primary cause of death	2	-	2	4	-	4	4	-	4	2	-	2	1	1	2
TOTALS (2)	24	-	24	10	4	14	14	-	14	22	3	25	8	1	9
4. No. of patients on register at the end of year (i.e. totals(1) less totals (2))	93	12	105	100	10	110	95	10	105	88	9	97	92	8	100

... Continued ...

... Tuberculosis Continued

5. Summary of new patients found during the year:	1969			1970			1971			1972			1973		
	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total
	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total	Pul.	Non-Pul.	Total
(a) Primary notification of new cases	9	2	11	12	1	13	4	-	4	12	1	13	10	-	10
(b) Transfers from other areas	4	-	4	5	1	6	5	-	5	3	1	4	2	-	2
(c) Patients found from death returns (figures NOT included in items (1) to (4) on previous page	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
(d) Lost sight of cases returned	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	14	2	16	17	2	19	9	2	9	17	2	19	12	-	12

VENEREAL DISEASES

YEAR	No. of patients and attendances at clinics							
	SYPHILIS						GONORRHOEA	
	Number of new cases during the year			Total number of attendances during year		Number of new cases during the year	Total No. of attendances during year	
	Congenital	Others	Total					
1964	1	3	4	611	27	143
1965	1	1	2	263	22	110
1966	-	3	3	148	14	72
1967	-	7	7	113	13	50
1968	-	-	-	94	27	117
1969	-	2	2	55	49	156
1970	-	4	4	107	63	286
1971	-	-	-	64	41	152
1972	-	1	1	35	36	131
1973	-	-	-	-	102	434

INFECTIOUS DISEASES

Number of Notified Cases for the years 1969 to 1973

Notifiable Disease	1969	1970	1971	1972	1973
Dysentery	2	-	19	1	-
Encephalitis	-	-	-	-	-
Food Poisoning	3	6	3	3	2
Infective Jaundice	27	20	16	10	4
Malaria	-	2	-	-	-
Measles	167	108	124	241	109
Meningitis	-	-	-	-	1
Paratyphoid Fever	-	-	-	-	-
Poliomyelitis	-	1	-	-	-
Scarlet Fever	23	10	3	3	3
Tuberculosis	11	12	6	15	10
Typhoid Fever	-	-	-	-	-
Whooping Cough	1	11	16	1	-
TOTALS	234	170	187	274	129

Number of Notified Cases for 1973 in Age Groups

Notifiable Disease	Number of Cases Notified Ages in Years							
	At All Ages	Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 Up-Wards
Dysentery	-	-	-	-	-	-	-	-
Food Poisoning	2	-	-	2	-	-	-	-
Measles	109	5	42	59	2	1	-	-
Scarlet Fever	3	-	1	2	-	-	-	-
Tuberculosis	10	-	-	2	3	2	3	-
Whooping Cough	-	-	-	-	-	-	-	-
Infective Jaundice	4	-	-	4	-	-	-	-
Meningitis	1	-	-	1	-	-	-	-
TOTALS	129	5	43	70	5	3	3	-

SECTION IV

ADDITIONAL INFORMATION

ADDITIONAL INFORMATION

CLINICS

Child Health Clinics in operation at the end of 1973

North Road, Crossens	Wednesday	2 - 4 p.m.
Churchtown Health Centre	Thursday	2 - 4 p.m.
Poulton Road, High Park	Tuesday, Friday	2 - 4 p.m.
Methodist Church, Derby Road	Friday	2 - 4 p.m.
Hampton Road	Tuesday, Thursday	2 - 4 p.m.
Lincoln Road, Birkdale	Tuesday, Thursday	2 - 4 p.m.
Sandbrook Road, Ainsdale	Monday	2 - 4 p.m.
" " "	Friday	10 - 12 noon.

Other Health Department Clinics in operation at the end of 1973

District Nurse Treatment	Monday, Thursday	2.30-3.30 p.m.
2 Church Street	Monday, Thursday	2.30-3.30 p.m.
Churchtown Health Centre	Each day	8.30-5.30 p.m.
Poulton Road	Monday, Thursday	3.30-4.30 p.m.
Hampton Road	Each Day	3.30-4.15 p.m.
Lincoln House	Each Day	3.30-4.15 p.m.
Ainsdale	Each Day	3.30-4.15 p.m.
Vaccination and Immunisation		
2 Church Street	Arranged as necessary	
Cervical Cytology		
2 Church Street	" " "	
Lincoln House (G.P. Clinic)	" " "	
Ainsdale (G.P. Clinic)	" " "	
Physiotherapy with Parentcraft		
46 Houghton Street	Thursday	2 - 5 p.m.
Churchtown	Tuesday	2 - 5 p.m.
Ainsdale	Tuesday, Thursday	2 - 5 p.m.
St. Katharine's Mat. Hosp.	Monday	9 - 12 noon
Hearing Test Clinic		
All Centres	Arranged as necessary	
Health Education		
Various Centres	" " "	
Chiropody for the Elderly		
44 Houghton Street	Mon., Tues., Wed.	9 - 3.30 p.m.
Churchtown	Thursday	9 - 12 noon
Ainsdale	Wednesday	9 - 12 noon
	Every 4th Tues.	9 - 12 noon
Family Planning		
Churchtown	Monday	1.30-4 p.m.
Lincoln House	Wednesday	2-3.30 p.m.
Ainsdale	Wednesday	6.45-8.30 p.m.

Medical Examinations

The following table shows the work done by the medical staff of the department during 1973.

Department	No. of Forms Received	No. of Meds. carried out	No. of Re-exams.
Borough Architect	10	3	-
Borough Engineer	71	28	29
Borough Treasurer	27	8	-
Education	565	105	8
Estates and Baths	-	1	-
Fire and Ambulance	20	10	21
Flower Show	2	1	-
Health	58	7	-
Libraries and Art	10	3	2
Parks and Cemeteries	8	5	2
Publicity and Attractions	19	7	2
Social Services	298	86	8
Town Clerks	12	10	3
Transport	17	9	31
Water Board	8	3	3
Weights and Measures	5	-	-
TOTALS	1130	286	109

The Motor Vehicles (Driving Licences) Regulations 1970

The epilepsy and driving Regulation came into force on 1st June, 1970, as a result of a Ministry of Transport Circular.

In accordance with this new Regulation 17 persons suffering from epilepsy were seen by the Medical Officer of Health during 1973, who recommended that a driving licence be issued in 16 of these cases, 13 of which were renewals.

Crematorium

The number of certificates required in 1973 was 1,464.

PERSONS IN NEED OF CARE AND ATTENTION

5 patients were removed from their homes to hospital under Section 47 of the National Assistance Act during 1973.

NURSING HOMES

At the end of the year there were 21 registered nursing homes in the area with a total of 321 beds.

The number of inspections made to nursing homes during the year was 58.

FAMILY PLANNING SERVICE

During 1973, there were 556 new clients at the Clinic, and 15 domiciliary cases were helped.

SECTION V

ENVIRONMENTAL HYGIENE

WATER

Chemical Analysis, 27th July, 1973.

								Parts per Million
Total solid matter in solution	...	...	...	...	...	...	...	415
Oxygen absorbed	)	in 15 minutes	...	...	...	...	...	0.20
from Permanganate)		in 3 hours	...	...	...	...	...	0.45
Ammonia	...	...	...	...	...	...	...	Nil
Albuminoid Ammonia	...	...	...	...	...	...	...	0.04
Nitrogen as Nitrates	...	...	...	...	...	...	...	0.20
Nitrogen as Nitrites	...	...	...	...	...	...	...	Nil
Combined Chlorine	...	...	...	...	...	...	...	26
Free Chlorine	...	...	...	...	...	...	...	Nil
Lead	...	...	...	...	...	...	...	0.01
Copper	...	...	...	...	...	...	...	0.40
Zinc	...	...	...	...	...	...	...	Nil
Total Iron	...	...	...	...	...	...	...	0.21
Cadmium	...	...	...	...	...	...	...	Nil
Carbonate Hardness (as Calcium Carbonate)	...	...	...	...	...	...	...	214
Total Hardness (as Calcium Carbonate)	...	...	...	...	...	...	...	302

(pH. value: 7.5)

Bacteriological Examination, 10th October, 1973.

Faecal Coli per 100 ml. in water examined	...	...	Nil
Total coliform organisms per 100 ml. in water examined			Nil

PUBLIC BATHS

		Satisfactory	Unsatisfactory	Totals
Victoria Baths	Chemical samples	1	-	1
Water	Bacteriological Samples	-	-	-
Sea Bathing Lake	Chemical samples	3	-	3
Water	Bacteriological Samples	4	-	4

Chemical Sample of Bathing Water taken at
the Sea Bathing Lake, 17th May, 1973.

Appearance	...	...	...	...	...	Fairly clear and bright. Almost colourless. Very slight odour of Chlorine.
pH. Value	...	...	...	...	...	7.4
Nitrite	...	...	...	...	...	Nil
Free Ammonia, parts per million	...	...	...	...	...	0.02
Free Residual Chlorine, parts per million	...	...	...	...	...	0.14
Total Residual Chlorine (Free Chlorine plus Chloramines) parts per million	...	...	...	...	...	0.02

Result - Satisfactory

Chemical Sample of Bathing Water taken at
the Victoria Baths on 3rd September, 1973.

Appearance	...	...	...	...	...	Clear and bright. Colourless. Minute trace of flocculent matter. Odour of chlorine.
pH. Value	...	...	...	...	...	7.3
Nitrite	...	...	...	...	...	Nil
Free Ammonia parts per million	...	...	...	...	...	0.03
Free Residual Chlorine, parts per million	...	...	...	...	...	0.27
Total Residual Chlorine (Free Chlorine plus Chloramines) parts per million	...	...	...	...	...	0.26
Result - Satisfactory						

Bacteriological Examination of Bathing Water at
the Sea Bathing Lake on 23rd August, 1973.

Probable numbers per 100 ml.		PLATE COUNT
Coliform bacilli	Bact. coli (type 1)	Organisms per ml.
0	0	10

SANITARY INSPECTION

Land Charge Enquiries - Information has been supplied during the year on 3,215 enquiries in respect of properties and sites in the Borough.

Improvements in Sanitation - During the year the task of abolishing Bristol Closets in the Borough has continued. In 9 cases, statutory notices were served requiring owners to carry out the conversions.

Caravans

Number of licensed sites for holiday caravans	...	4
Total number of caravans permitted	...	113
Two of these sites are in use.		

PUBLIC MORTUARY

During the year 401 bodies were received at the mortuary and, of these, 391 were submitted to a post-mortem examination.

FACTORIES

Premises	Number on Register	Number of Inspections
Factories (other than domestic factories) where motive power is not employed	6	11
Factories where motive power is employed	304	237
Number of building sites	6	10

Prevention of Damage by Pests Act, 1949.

	Type of Property	
	Non Agricultural	Agricultural
Number of Properties in District	35,894	22
Total Number of Properties Inspected following Notification	828	-
Number Infested by (i) Rats	223	-
(ii) Mice	605	-
Number of Properties Inspected for other Reasons	46	22
Number Infested by (i) Rats	23	22
(ii) Mice	18	-

The work involved in dealing with the above-mentioned properties resulted in 862 visits being made by the Rodent Officer and Public Health Inspectors.

PUBLIC HEALTH INSPECTORS

Summary of Complaints and Visits made during year 1973:

<u>Nuisances</u>							
COMPLAINTS INVESTIGATED -							
Choked and defective drains	...	...	...	...	...	...	216
Housing defects	...	...	...	...	...	...	252
Ditches and watercourses	...	...	...	...	...	...	7
Smoke emission	...	...	...	...	...	...	55
Noise	...	...	...	...	...	...	106
Other nuisances	...	...	...	...	...	...	1323
Total No. of complaints							1959
ACTION TAKEN: Notices served and results in nuisances abated:							
Served Preliminary,	242	Statutory,	76				
Abated Preliminary,	156	Statutory,	60				
VISITS - To Premises:							
Dwellinghouses	...	...	...	...	...	...	7830
Shops	...	...	...	...	...	...	2983
Offices	...	...	...	...	...	...	132
Factories and workshops	...	...	...	...	...	...	403
Dairies	...	...	...	...	...	...	82
Food preparing premises	...	...	...	...	...	...	1673
Ice Cream premises	...	...	...	...	...	...	104
Other premises	...	...	...	...	...	...	3814
Total No. of Visits							17021
Regarding:-							
Nuisances	...	...	...	...	...	...	3170
Drainage	...	...	...	...	...	...	868
Conversion of closets	...	...	...	...	...	...	100
Ditches and watercourses	...	...	...	...	...	...	22
Rates, mice and other vermin	...	...	...	...	...	...	862
Pigeons	...	...	...	...	...	...	380
The Housing Acts	...	...	...	...	...	...	2662
Rent Acts	...	...	...	...	...	...	133
Food Hygiene Regulations	...	...	...	...	...	...	3719
Milk Regulations	...	...	...	...	...	...	156
Food	...	...	...	...	...	...	722
O.S.R.	...	...	...	...	...	...	575
Infectious Diseases	...	...	...	...	...	...	317
Other matters	...	...	...	...	...	...	4081
Total No. of Visits							17767

Food and Drug Samples - Year 1973									
SAMPLES OBTAINED FOR BACTERIOLOGICAL EXAMINATION -									
Milk	...	...	...	...	...	...	...	...	143
Ice Cream	...	...	...	...	...	...	...	...	12
Other Foods	...	...	...	...	...	...	...	...	2
Water (Tap)	...	...	...	...	...	...	...	...	9
Total No. of Samples									166
SAMPLES OBTAINED FOR CHEMICAL ANALYSIS -									
Milk	...	...	...	...	...	...	...	...	15
Ice Cream	...	...	...	...	...	...	...	...	-
Other Food	...	...	...	...	...	...	...	...	76
Water (Tap)	...	...	...	...	...	...	...	...	14
Rag Flock, etc.	...	...	...	...	...	...	...	...	27
Total No. of Samples									132

Rag Flock and Other Filling Material Act, 1951.

Ten premises are registered under this Act for the use of rag flock and other filling materials in the upholstering of articles of furniture. There are now no premises in the Borough in which such materials are manufactured, or stored in bulk.

Three samples of the materials in use were taken and submitted for analysis, and all proved to be satisfactory.

CLEAN AIR

There were 55 complaints regarding nuisances from smoke. All were investigated and recommendations made. No legal proceedings were instituted.

Rent Acts - There were no applications for Certificates of Disrepair.

Overcrowding - The number of complaints regarding alleged overcrowding received during the year was 36. In the instances where overcrowding was found to occur the matter was referred to the Housing Department requesting that assistance be granted.

Demolition and Closing Orders - The task of dealing with the houses in the Borough which appear to be unfit for human habitation continued and during 1973 13 houses were represented to the Health Committee. The formal procedure prescribed by the Housing Acts, was commenced in respect of 12 houses.

Improvements - Thirteen representations under Section 19, Housing Act, 1964, were received from the tenants of individual houses, (not being houses in Improvement Areas), requiring the Local Authority exercise their powers to secure the improvement of the houses by the provision of the five standard amenities.

To this end, twelve Preliminary Notices and 3 Immediate Improvement Notices were served. Landlords' Undertakings were accepted in 8 cases.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Registrations and General Inspections during year 1973

Class of Premises	Number of Premises Registered during the Year	Total Number of Registered Premises at end of Year	Number of Registered Premises receiving a General Inspection during the Year
Offices	6	322	10
Retail Shops	42	890	75
Wholesale Shops and Warehouses	-	49	1
Catering Establishments open to the public, Canteens	1	138	3
Fuel Storage Depots ...	1	11	-
Totals	50	1410	89

Number of Visits of all kinds by Inspectors to Registered
Premises 962

Analysis of Persons employed in Registered premises by workplace

Class of workplace	Number of persons employed
Offices	2344
Retail Shops	4317
Wholesale departments and Warehouses	414
Catering Establishments open to the public)	
Canteens)	1734
Fuel storage depots	49
Total	8858
Males	3192
Females	5666

Accidents reported during the year 1973

Class of Workplace	No. of Accidents Reported	No. Requiring Investigation	Results following Investigation			
			Prosecution	Formal Warning	Informal Advice	No Action Taken
Offices ...	3	3	-	1	-	2
Retail Shops	15	11	-	1	-	10
Catering Establishments, Canteens ...	4	3	-	1	-	2
Wholesale Shops, Warehouses and Fuel Storage Depots ...	2	1	-	-	-	1
Totals ...	24	18	-	3	-	15

Animal Boarding Establishments - The purpose of the Act, is to control such establishments by licence, which must be renewed annually. Matters covered include: accommodation, overcrowding, exercising facilities, temperature, lighting, ventilation, cleanliness, food, drink, bedding, control of infection, fire precautions and the keeping of a register. During 1973, 4 licences were granted.

Riding Establishments

The Act introduces a system for licensing riding establishments and makes it an offence to keep such an establishment without a licence. The Act is not a public health measure. It is designed to prevent suffering to horses. The premises and the horses therein are inspected regularly by a veterinary surgeon.

By the end of the year 1 such licence had been issued.

NOISE ABATEMENT

During the year 106 complaints were received regarding noise, and all were carefully investigated. In the large majority of cases it was found that the noise complained of did not constitute a statutory nuisance.

SECTION VI

INSPECTION AND SUPERVISION OF FOOD

DISTRIBUTION OF MILK

There are 141 registered distributors of milk in the Borough, but as dealers in milk are only required to be registered by an appropriate Authority in one district, the number of persons selling milk in Southport exceeds this number.

Samples of Milk taken during the Year 1973

For Bacteriological Examination

Class of Milk	Number of Samples Tested	Appropriate Tests	Number of samples	
			Passed	Failed
Pasteurised ...	111	Phosphatase	110	1
		Methylene Blue	88	2
Sterilised ...	25	Turbidity	25	-
Untreated ...	9	Methylene Blue	5	1
TOTALS			228	4

FOOD INSPECTION

Summary of Meat and Other Articles of Food which were found to be diseased or unwholesome during year 1973.

	Tons	Cwts.	Lbs.
Beef, Veal, Mutton, Pork Fish Poultry, Game and Rabbits Tinned Goods Fruit Miscellaneous	5	11	-
TOTAL	5	11	-

Food and Drugs Acts - Records, 1968-1973

Year	Number of samples taken			ANALYTICAL RESULTS OF SAMPLES						Ratio (%) of samples adulterated
	Formal	In-formal	Total	Formal	In-formal	Total	Formal	In-formal	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1968	2	192	194	1	172	173	1	20	21	10.8
1969	3	159	162	2	141	143	1	18	19	11.7
1970	-	131	131	-	105	105	-	26	26	19.0
1971	-	132	132	-	110	110	-	22	22	10.6
1972	-	70	70	-	52	52	-	18	18	25.7
1973	-	80	80	-	58	58	-	12	12	15.0

* Certified by the Public Analyst as being adulterated or otherwise giving rise to irregularity.

FOOD HYGIENE

The education of food handlers has been continued and the following table clearly indicates the support that has been received from the food trade.

Attendances at Food Hygiene Classes

Trade	Number Attended 1973	Totals to Date
	Elementary Course	
Bakers and Confectioners ...	1	248
Butchers and Meat Producers ...	1	70
Catering I	9	505
Catering II	3	371
Fish Fryers and Fishmongers ...	-	28
Fruiterers and Greengrocers ...	-	6
Food and Fruit Preserving ...	8	583
Grocers	10	248
Ice Cream and Dairymen	-	40
Nurseries	6	167
Others	5	131
Totals	43	2397

Notes: Catering I - Guest houses, cafes and hotels.

Catering II - School Meals Service, canteens and hospitals.

Though the taking of examinations is voluntary, of the 1,689 students (Elementary Course) who have done so, 1,245 were successful.

ICE CREAM

The number of premises used in connection with the manufacture, sale and storage of ice cream is set out below:-

<u>Particulars</u>						<u>Number</u>
For the purpose of manufacture and sale						10
For the purpose of sale						253
Total						263

The Ministry of Health Provisional Grading of Ice Cream is divided into four grades as follows:-

- Grade I the ice cream, after incubation, does not decolourise Methylene Blue in 4 hours.
- Grade II the ice cream, after incubation, decolourises Methylene Blue in 2 hours to 4 hours.
- Grade III the ice cream, after incubation, decolourises Methylene Blue in $\frac{1}{2}$ hour to 2 hours.
- Grade IV the ice cream, after incubation, decolourises Methylene Blue immediately.

Grades I and II are regarded as satisfactory; Grades III and IV as unsatisfactory.

The following table shows the gradings of the samples examined:-

Ice Cream Samples - Results for Year 1973

		Grades							
		Mobiles				Premises			
		I	II	III	IV	I	II	III	IV
Soft Ice Cream ...	...	1	-	1	1	3	-	1	1
Other Ice Cream	...	-	-	-	-	1	-	-	-

SECTION VII

SCHOOL HEALTH SERVICE

EDUCATION COMMITTEE AS AT THE

31st December, 1973

The Mayor, Alderman R. Molyneux

Councillor Mrs. E. M. Monk (Chairman)

Councillor E. J. Downs, E.R.D., T.D., (Senior Deputy Chairman)

Councillor E. White (Junior Deputy Chairman)

Alderman W. Prescott

Councillor C. I. Anderson

Councillor P. H. Auger

Councillor W. Brown

Councillor Mrs. M. Fearn

Councillor T. R. Glover

Councillor R. Greenall

Councillor M. P. Halsall

Councillor J. H. Poynton

Councillor H. J. Sainsbury

Councillor R. B. Tomlinson

Professor B. Collinge

The Rev. E. Formby, M.Sc.

Mr. A. Hall

Mr. E. F. Johns

The Rev. W. C. Lazenby

The Rev. O. J. Yandell

SCHOOL HEALTH SERVICE SENIOR STAFF

(in post on 31st December, 1973 - * indicates part-time staff)

Principal School Medical Officer	P. W. Lang, L.R.C.P., L.R.C.S., L.R.F.P.& S., M.F.C.M., D.P.H.
Deputy Principal School Medical Officer	G. Fletcher, B.A., M.B., Ch.B., D.P.H.
School Medical Officer	E. Losonczy, M.B.E., M.D., D.P.H.
School Medical Officer	*K. Abraham, M.B., Ch.B.
Eye Clinic	*C. S. L. Peiris, F.R.C.S.(E), D.O.(Eng.), M.B.(Cey)
	*J. N. Matthews, M.R.C.S., L.R.C.P., D.P.H.
Ear, Nose and Throat Clinic	*R. V. Tracy Forster, F.R.C.S., M.B., Ch.B., D.L.O.
Child Guidance Clinic	*J. M. Naylor, M.B., Ch.B., D.C.H., D.P.M.
Principal Dental Officer	W. L. Rothwell, L.D.S.(Liv.)
Senior Dental Officer	P. M. Roberts, B.D.S.(Liv.)
Dental Officer	P. L. Heathcote, L.D.S.(Liv.)
Consultant Orthodontist	*H. Pogrel, L.D.S.(Liv.), L.D.S., R.C.S.(Eng.) D.Ortho.R.C.S.(Eng.)
Consultant Anaesthetist	*A.M. Bushby, M.B., Ch.B., M.R.C.S., L.R.C.P., D.A.
Director of Nursing Services	P.M. Scarborough, S.R.N., S.C.M., Q.D.N., H.V.Cert.
Senior Physiotherapist	V.A. Macleod, M.C.S.P.
Speech Therapist	L. Wight, L.C.S.T., Dip.I.P.A.
Educational Psychologist	W. Turner, B.A. (Hons.) Psychology

SCHOOL HEALTH SERVICE

The number of children on the register of the Education Authority is listed below. The figure for the previous year is given for comparison.

							<u>Year 1972</u>	<u>Year 1973</u>
Primary Schools	...	...	...	...	...	...	8,051	8,172
Secondary Schools	...	...	...	...	...	...	5,557	6,164
							<u>13,608</u>	<u>14,336</u>

ROUTINE MEDICAL INSPECTIONS

The number of children inspected in each age group is given below.

PRIMARY SCHOOLS -									
Entrants	...	...	...	...	...	...	...	...	1090
Leavers	...	...	...	...	...	...	...	...	1070
SECONDARY SCHOOLS -									
Leavers	...	...	...	...	...	...	...	...	266
ADDITIONAL MEDICAL INSPECTIONS (All Schools)							...	...	877
TOTAL									<u>3303</u>

The percentage of parents attending with their children at examination is given below.

PRIMARY SCHOOLS -									
Entrants	...	...	...	...	...	...	...	...	92.1%
Leavers	...	...	...	...	...	...	...	...	76.2%
SECONDARY SCHOOLS -									
Leavers	...	...	...	...	...	...	...	...	9.8%
ADDITIONAL MEDICAL INSPECTIONS (All Schools)							...	...	58.7%

DEFECTS FOUND AT ROUTINE MEDICAL INSPECTIONS

Below are the numbers of children in each age group found to require treatment.

	Primary Schools		Secondary Schools - Leavers	Additional Inspections (all schools)	Totals
	Entrants	Leavers			
Number of children examined ...	1090	1070	266	877	3303
Number of children requiring treatment	102	77	8	75	262
Percentage requiring treatment	9.4	7.2	3.0	8.6	7.9

A detailed list of all defects is to be found in the tables at the end of this report.

Inspections by School Nurses - This year the number of children examined by the school nurses was 13,270 and of these 9 were referred for further examination, together with 474 from last year's medical inspection.

CLINICS

Nurses Treatment Clinic - During the year 3,889 attendances were made by children at 2 Church Street Clinic.

Minor Ailments Clinic - The number of children seen at this clinic during the year was 1,084 and these children made 1,793 attendances. 24 cases were referred to the Southport Infirmary for further investigation and 3 to the Promenade Hospital.

77 children were referred to the Casualty Department at the Southport Infirmary by the school medical officers and the clinic nurses.

During the year 34 alarms were supplied to enuretic school children. The majority of these children were cured or showed great improvement after using this apparatus.

Eye Clinic - During the year 422 attendances were made at this clinic. 185 new cases were examined and 143 children attended for observation of progress from previous years. 139 children had spectacles prescribed for them and 43 children were referred to the Southport Infirmary for operative and orthoptic treatment.

Ear, Nose and Throat Clinic - In 1973, 265 attendances were made at this clinic. 222 new cases were examined and 43 children attended for observation of progress from previous years. 161 cases were admitted to the Promenade Hospital for the removal of tonsils and/or adenoids and 62 for other forms of treatment.

Audiometric Sweep Testing of 5-year olds - 1,343 children were tested in school; 47 were referred to a school medical officer for further testing; 11 children were kept under observation and 25 were found to require treatment.

Chiropody Clinic - During the year 1,018 attendances were made and 251 new cases were examined. At the end of the year 27 children were attending for treatment.

Artificial Sunlight Clinic - During the year 27 school children were treated at 2 Church Street and made 395 attendances; 23 children were treated at Lincoln House and made 306 attendances; 16 children were treated at Ainsdale and made 355 attendances and 3 children were treated at Churchtown and made 44 attendances.

Orthopaedic and Remedial Exercises Clinic - During the year 122 children made 1,842 attendances at 2 Church Street, 49 children made 750 attendances at Lincoln House, 50 children made 503 attendances at Ainsdale and 64 children made 540 attendances at Churchtown.

In addition physiotherapy sessions were held once a week at Hawkshead Hospital Special School and 347 individual attendances were made during the year. During the year 3 cases were referred to the Promenade Hospital for consultant opinion.

The physiotherapist also visited the School for the Partially Hearing once a week, giving treatment to 10 children attending the School.

Sandbrook School was also visited, treatment being given to 5 children who have physical handicaps in addition to mental handicaps.

SPEECH THERAPY

135 school children have been treated.
 25 children have been assessed and are on the waiting list.
 30 children have been discharged.

At Sandbrook School 10 children have been seen weekly.
 At Presfield Day Special School for Educationally Subnormal Children 15 children take part in a Language Development Programme twice weekly.
 At Farnborough Road Infants School 28 children are seen weekly in small groups and 4 children are seen on an intensive basis.

The majority of disorders treated were delayed language development and varying degrees of deviant articulation.

10 Stammerers and 1 Cleft Palate have been treated and some sessions spent on parent counselling.

CHILD GUIDANCE SERVICE

Number of New Patients seen:

Southport	68
Lancashire County	21

Number of Review Attendances:

Southport	285
Lancashire County	89

More detailed information is given in the statistical table at the end of the report.

HANDICAPPED PUPILS

At the end of the year 25 children with the following physical handicaps, together with 3 delicate children, were receiving education at Hawkshead Hospital. Special School:-

Sex	Handicap
2 boys	Congenital Heart
2 boys	Muscular Dystrophy
1 boy	Spina Bifida
1 boy	Paraplegia
1 boy	Right sided hemiplegia
1 boy	Paralysis both legs
2 boys	Spastic
1 boy	Cerebral Palsy
2 boys	Haemophilia
2 boys	Bilateral Perthes Disease
4 girls	Spastic
2 girls	Congenital Heart
1 girl	Spina Bifida
1 girl	Myelomeningocele
1 girl	Congenital absence of sacrum
1 girl	Intradural Dermoid Cyst

During the past year about 12 severely handicapped children have been taken by the physiotherapist to the Victoria Baths for hydro-therapy.

16 children from the School were taken to the Formby Riding School each week.

Five physically handicapped children and one delicate child were at residential Special Schools.

Epileptic Children - One epileptic child was in residential school.

Partially Sighted Children - Three partially sighted children were in residential schools.

Deaf and Partially Hearing Children - One deaf and three partially hearing children were in residential schools. Sixteen children attended special schools for the partially hearing as day pupils. One deaf child attended a special day school for deaf children and another attended a special school for children with more than one handicap, as a day pupil.

Educationally Sub Normal Children - Four children were receiving special education in residential schools at the end of the year.

Maladjusted Children - There were 9 children in residential special schools for maladjusted pupils.

PROTECTION OF SCHOOL CHILDREN AGAINST TUBERCULOSIS

Notifications - Two cases of tuberculosis were found in school children during 1973.

B.C.G. Vaccination -

The following table shows statistics for the last five years.

Year	Acceptance Rate %	No. of children tested	Positive Skin Test %	Negative Skin Test %	Results not read due to absence %	No. Vaccinated
1969	89.7	1052	18.3	76.9	4.8	803
1970	90.4	1047	18.0	75.0	7.0	774
1971	89.6	1133	19.2	74.3	6.5	832
1972	91.7	1093	11.3	81.1	7.6	883
1973	89.0	1190	13.9	80.1	6.0	948

More detailed information is given in the statistical table at the end of the report.

Tuberculin Skin Testing of School Entrants - The percentages of positive skin tests in five year old children whose parents wished the test to be carried out, (excluding those protected by previous B.C.G. vaccination) are shown below.

Year	No. tested	No. positive	% positive
1969	941	32	3.4
1970	1145	35	3.1
1971	955	21	2.0
1972	949	28	3.0
1973	1164	39	3.4

INFECTIOUS DISEASES

Notifications were as follow, with figures for 1972 for comparison:-

	1972	1973
Measles	112	59
Whooping Cough	1	-
Tuberculosis	4	2

MISCELLANEOUS SCHOOL MEDICAL WORK

Examination of school children for fitness to take part in public entertainment	43
Examination of school children for part-time employment	87
Children seen at 'follow-up' visits to schools by school nurses	428
Miscellaneous home visits by school nurses	864

INFESTATION WITH VERMIN

Total number of individual examinations of pupils in schools by school nurses or other authorised persons	12080
Total number of individual pupils found to be infested	96
Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944)	None
Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944)	None

CLINICS AS AT 31st DECEMBER 1973

Day	2 Church Street	46 Hoghton Street	Lincoln House
MONDAY a.m.	*Ear, Nose and Throat Clinic (fortnightly) Nurses' Dressings Clinic Dental Clinic	*Psychiatric Clinic *Artificial Sunlight Clinic *Remedial Exercises Clinic	Dental Clinic *Artificial Sunlight Clinic *Remedial Exercises Clinic
MONDAY p.m.	Nurses' Dressings Clinic Dental Clinic	*Remedial Exercises Clinic	Dental Clinic
TUESDAY a.m.	*Eye Clinic (fortnightly) Nurses' Dressings Clinic *Orthodontic Clinic (fortnightly) Dental Clinic	*Remedial Exercises Clinic	Dental Clinic
TUESDAY p.m.	*Orthopaedic (Periodically) Nurses' Dressings Clinic *Orthodontic Clinic Dental Clinic	-	Dental Clinic
WEDNESDAY a.m.	*Eye Clinic (monthly) Nurses' Dressings Clinic Dental Clinic	*Artificial Sunlight Clinic *Remedial Exercises Clinic	Dental Clinic *Artificial Sunlight Clinic *Remedial Exercises Clinic
WEDNESDAY p.m.	Nurses' Dressings Clinic Dental Clinic	-	Dental Clinic
THURSDAY a.m.	*Chiropody Clinic Nurses' Dressings Clinic Dental Clinic	*Psychiatric Clinic *Remedial Exercises Clinic	Dental Clinic
THURSDAY p.m.	Nurses' Dressings Clinic Dental Clinic	-	Dental Clinic
FRIDAY a.m.	Doctors Minor Ailment Clinic *Chiropody Clinic Nurses' Dressings Clinic	Artificial Sunlight Clinic *Remedial Exercises Clinic	Dental Clinic *Artificial Sunlight Clinic *Remedial Exercises Clinic
FRIDAY p.m.	Nurses' Dressings Clinic Dental Clinic	-	Dental Clinic

*By Appointment Only

In addition there are Physiotherapy sessions at the Ainsdale Child Health Centre on Monday mornings and Wednesday and Friday afternoons, and at Churchtown Health Centre on Monday, Wednesday and Friday mornings

PERIODIC MEDICAL INSPECTIONS

Physical Condition of Pupils Inspected

Age Groups Inspected (by year of birth)	No. of pupils Inspected	Satisfactory	Unsatisfactory
1969 and later	158	158	-
1968	414	414	-
1967	569	569	-
1966	185	185	-
1965	102	102	-
1964	121	121	-
1963	233	233	-
1962	725	723	2
1961	343	343	-
1960	85	85	-
1959	67	66	1
1958 and earlier	301	301	-
TOTAL	3303	3300	3

Pupils found to Require Treatment at Periodic Medical Inspections (excluding Dental Diseases and Infestation with Vermin)

Age Groups Inspected (by year of birth)	For defective vision (excluding squint)	For any of the other conditions recorded in Part II	Total Individual Pupils
1969 and later	-	7	7
1968	2	35	37
1967	2	48	50
1966	3	16	19
1965	3	8	11
1964	2	7	9
1963	3	9	12
1962	5	44	49
1961	1	14	15
1960	1	2	3
1959	2	1	3
1958 and earlier	3	6	9
TOTAL	27	197	224

OTHER INSPECTIONS

Number of Special Inspections	...	...	...	...	...	...	1037
Number of re-inspections	...	...	...	...	...	...	1239

DEFECTS FOUND BY MEDICAL INSPECTION
At Periodic Inspections

Defect or Disease						Entrants	Senior Leavers	Others	Total
Skin	...	...	...	...	T	2	1	4	7
					O	7	2	12	21
Eyes - Vision	..	...	...	...	T	5	3	7	15
					O	15	28	9	52
Squint	..	...	...	...	T	9	-	3	12
					O	12	2	5	19
Other	..	...	...	...	T	-	-	2	2
					O	-	1	-	1
Ears - Hearing	...	...	...	...	T	11	-	4	15
					O	43	4	3	50
Otitis Media	..	...	...	...	T	2	-	-	2
					O	4	2	2	8
Other	..	...	...	...	T	1	-	-	1
					O	-	-	1	1
Nose and Throat	...	...	...	...	T	11	1	3	15
					O	27	2	5	34
Speech	..	...	...	...	T	10	-	2	12
					O	23	-	2	25
Lymphatic Glands	...	...	...	...	T	-	-	-	-
					O	-	-	-	-
Heart	...	...	...	...	T	-	-	2	2
					O	15	-	2	17
Lungs	...	...	...	...	T	-	-	-	-
					O	6	3	2	11
Developmental - Hernia	...	...	...	...	T	-	-	-	-
					O	4	-	1	5
Other	...	...	...	...	T	1	-	2	3
					O	21	-	13	34
Orthopaedic - Posture	...	...	...	...	T	-	-	7	7
					O	6	1	-	7
Feet	..	...	...	...	T	25	2	27	54
					O	9	2	3	14
Other	..	...	...	...	T	13	1	6	20
					O	10	1	5	16
Nervous System - Epilepsy	..	...	...	...	T	-	-	-	-
					O	1	-	-	1
Other	...	...	...	...	T	-	-	-	-
					O	1	-	-	1
Psychological - Development	...	...	...	...	T	1	-	1	2
					O	10	2	23	35
Stability	..	...	...	...	T	2	-	1	3
					O	3	-	33	36
Abdomen	...	...	...	...	T	-	-	-	-
					O	1	-	1	2
Other	...	...	...	...	T	5	-	3	8
					O	1	2	7	10

Key: T - For Treatment; O - For Observation

DEFECTS FOUND BY MEDICAL INSPECTION

At Special Inspections

Defects or Diseases								Pupils Requiring Treatment	Pupils Requiring Observation
Skin	...	...	...	...	...	...	...	244	11
Eyes - Vision	..	...	...	...	...	...	...	11	6
Squint	..	...	...	...	...	...	...	2	2
Other	..	...	...	...	...	...	...	55	1
Ears - Hearing		...	...	...	...	...	...	53	100
Otitis Media	..	...	...	...	...	...	...	1	1
Other	..	...	...	...	...	...	...	15	2
Nose and Throat		...	...	...	...	...	...	33	5
Speech	..	...	...	...	...	...	...	11	4
Lymphatic Glands		...	...	...	...	...	...	-	1
Heart	..	...	...	...	...	...	...	1	2
Lungs	..	...	...	...	...	...	...	8	7
Developmental -									
Hernia	..	...	...	...	...	...	...	-	1
Other	..	...	...	...	...	...	...	4	2
Orthopaedic -									
Posture		...	...	...	...	...	...	6	-
Feet	...	...	...	...	...	...	...	2	2
Other	...	...	...	...	...	...	...	67	35
Nervous System -									
Epilepsy	...	...	...	...	...	...	...	3	1
Other	..	...	...	...	...	...	...	1	1
Psychological -									
Development	...	...	...	...	...	...	...	4	-
Stability	...	...	...	...	...	...	...	8	6
Abdomen	..	...	...	...	...	...	...	7	2
Other	...	...	...	...	...	...	...	95	46
Totals								631	238

TREATMENT OF PUPILS
EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	137
Errors of refraction (including squint)	271
Total	408
Number of pupils for whom spectacles were prescribed ...	139

DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	Number of cases known to have been dealt with
Received operative treatment -	
for diseases of the ear	33
for adenoids and chronic tonsillitis	161
for other nose and throat conditions	13
Received other forms of treatment	363
Total	570
Number of pupils in schools who are known to have been provided with hearing aids -	
in 1973	9
in previous years	27

ORTHOPAEDIC AND POSTURAL DEFECTS

	Number of cases known to have been dealt with
Pupils treated at clinics or out-patients departments -	
Specialist Clinics	3
By Local Authority Medical Staff	130
Pupils treated at school for postural defects ...	-
Total	133

DISEASES OF THE SKIN
(excluding uncleanness, for which see Page 56)

	Number of cases known to have been dealt with
Ringworm - Scalp	-
Body	2
Scabies	34
Impetigo	53
Other skin diseases	417
Total	506

CHILD GUIDANCE SERVICE

	Number of cases known to have been dealt with
Pupils treated at Child Guidance Clinic -	
Maintained school children	124
Pre-school children	1
Private school children	-
Lancashire County school children and pre-school children	38
Total	163

SPEECH THERAPY

	Number of cases known to have been dealt with
Pupils treated by speech therapist	135

OTHER TREATMENT GIVEN

	Number of cases known to have been dealt with
Pupils with minor ailments	248
Pupils who received convalescent treatment under School Health Service arrangements	-
Pupils who received B.C.G. vaccination	948
Artificial Sunlight	59
Remedial Exercises	285
No. of 5 year old entrants who have had Skin Tests ...	1164
Total	2704

SCHOOL DENTAL SERVICE

Dental Inspection and Treatment

Attendances and Treatment

First Visit	...	...	...	...	...	...	...	...	2284
Subsequent Visits	...	...	...	...	...	...	...	...	3698
Total Visits	...	...	...	...	...	...	...	...	5982
Additional courses of treatment commenced	...	...	...	...	...	...	...	...	1172
Total courses commenced	...	...	...	...	...	...	...	...	3456
Courses of treatment completed	...	...	...	...	...	...	...	...	3233
Fillings in permanent teeth	...	...	...	...	...	...	...	...	3622
Fillings in deciduous teeth	...	...	...	...	...	...	...	...	1360
Permanent teeth filled	...	...	...	...	...	...	...	...	3115
Deciduous teeth filled	...	...	...	...	...	...	...	...	1267
Permanent teeth extracted	...	...	...	...	...	...	...	...	559
Deciduous teeth extracted	...	...	...	...	...	...	...	...	1481
General Anaesthetics	...	...	...	...	...	...	...	...	577
Emergencies	...	...	...	...	...	...	...	...	71
Number of pupils X-rayed	...	...	...	...	...	...	...	...	97
Prophylaxis	...	...	...	...	...	...	...	...	785
Teeth otherwise conserved	...	...	...	...	...	...	...	...	42

Orthodontics

New cases commenced during year	...	...	...	...	...	...	...	60
Cases completed during year	...	...	...	...	...	...	...	55
Cases discontinued during year	...	...	...	...	...	...	...	8
Number of removable appliances fitted	...	...	...	...	...	...	...	87
Number of fixed appliances fitted	...	...	...	...	...	...	...	19
Pupils referred to Hospital Consultant	...	...	...	...	...	...	...	-

Prosthetics

Pupils supplied with F.U. or F.L. (first time)	...	...	...	...	...	...	...	-
Pupils supplied with other dentures (first time)	...	...	...	...	...	...	...	6
Number of dentures supplied	...	...	...	...	...	...	...	6

Anaesthetics

General Anaesthetics administered by Dental Officers	70
--	-----	-----	-----	-----	-----	-----	-----	----

Inspections

(a) First inspection at school. Number of pupils	..	...	...	...	...	...	...	11472
(b) First inspection at clinic. Number of pupils	..	...	...	...	...	...	...	1615
Number of (a) + (b) found to require treatment	..	...	...	...	...	...	...	4275
Number of (a) + (b) offered treatment	...	...	...	...	...	...	...	4275
(c) Pupils re-inspected at school or clinic	...	...	...	...	...	...	...	5841
Number of (c) found to require treatment	..	...	...	...	...	...	...	2329

Sessions

Sessions devoted to treatment	...	...	...	...	...	...	...	1069
Sessions devoted to inspections and dental health education	...	...	...	...	...	...	...	121

I am indebted to Mr. W.L. Rothwell, Principal Dental Officer for the following report.

PRINCIPAL SCHOOL DENTAL OFFICER'S REPORT 1973

This year we were without a dental surgeon at the Lincoln Road Clinic for a short period. Mr. Kidney, the Senior Dental Officer, resigned as from the end of August. We were fortunate, however, in being able to appoint Mrs. Roberts to succeed him with effect from the beginning of October.

All maintained schools in the Borough were inspected during the year and in addition, eight schools were re-inspected which means that we are continuing to visit the schools more frequently than once a year. An effort has been made to talk to individual children on oral hygiene where it could be seen to be necessary at the time of the school inspection and talks have been given on two occasions to groups of children.

It is again pleasing to report that the number of pupils found to require treatment is the lowest ever recorded at 34.9%, a position brought about I am sure by pupils seeking regular attention. Compared with 1972, the number of attendances is down slightly as also are the number of fillings and this is possibly a result of two months without a dental officer at Lincoln Road and thus a lack of continuity in treatment, along with a greater amount of time spent on other duties by myself. The number of extractions, though, is also down and that is in the right direction.

It will be noticed that the number of general anaesthetics administered by a Dental Officer is lower this year; this is because more general anaesthetics are now given by Dr. Bushby, the consultant anaesthetist - in many cases she uses the intravenous technique which I believe is much appreciated by many who ask for it.

Early in the year a national study of the dental health of school children in England and Wales was commissioned. This involved the dental examination of a random sample of children aged 5 - 15 years followed by an interview, at a later date, with the mother of some of the children. Southport was one of the areas asked to take part and this necessitated the release of a dental officer for two consecutive weeks. Training and calibration occupied the first week and this took place at the Dental School in Birmingham and in schools in the Birmingham area. The dental examination of the children involved in the survey was then undertaken the following week. The results of the survey have not yet been published but it is understood that they are to be on a regional basis which will allow comparisons to be made between various parts of the country.

In May I was fortunate in being able to attend a one week's course in Dental Administration held at the King's Fund College in London and also later in the year a four day multi-disciplinary course on Reorganisation of the Health Service and its management held at the William Rathbone Staff College in Liverpool. Time has also been spent during the year attending various meetings in connection with Reorganisation.

During the last two years some reorganisation of the two dental surgeries at Church Street has taken place, involving the installation of larger modern windows and work-top units and this has made them better surgeries in which to work and has also improved their appearance both from the patients' and parents' point of view. A new D.M.Co. Unit, chair and light have been installed at the Lincoln Road Clinic thus enabling the dentist there to practise low-seated dentistry.

This is the last time that an annual report will be written by a Principal School Dental Officer for Southport, as from 1st April 1974 Southport will be combined with Formby to form a District of the Sefton Area Health Authority. The responsibility for the school dental service will then pass to the Area Dental Officer. Some changes are inevitable - Southport has for many years been in a favourable position with regard to staff, in being able to offer treatment to everyone who requested it - my hope is that this will continue and in conclusion my thanks must be given to all the staff who have been involved.

CHILD GUIDANCE SERVICE

	Southport			Lancashire County Council		Total
	School Children		Pre- School Children	School Children	Pre- School Children	
	Maintained Schools	Private Schools				
Number of new chil- dren referred	80	1	1	28	1	111
Number of children referred by:-						
Family Doctors	28	1	-	10	1	40
School Medical Officers	14	-	-	15	-	29
Juvenile Court & Probation Officers	1	-	-	-	-	1
Consultant Medical (including Hospital Staff)	10	-	1	3	-	14
Children's Officer	-	-	-	-	-	-
Chief Education Officer	-	-	-	-	-	-
Miscellaneous	27	-	-	-	-	27
TOTAL	80	1	1	28	1	111
Number of individual children seen during year	124	-	1	38	-	163
Number of attendances made by:-						
Children	284	-	1	89	-	374
Parents	367	-	2	108	-	477
TOTAL	651	-	3	197	-	851
Number of children on waiting list at com- mencement of year	9	-	-	4	-	13
Number of children on waiting list at end of year	14	-	-	6	-	20

Number of sessions conducted by Consultant Child Psychiatrist

113

Number of home visits by Psychiatric Social Worker	Southport			Lancashire County Council		Total
	School Children		Pre- School Children	School Children	Pre- School Children	
	Maintained Schools	Private Schools				
	127	-				

HANDICAPPED PUPILS

Category	Number Ascertained				Type of Education Provided						Totals
	No. on the register at the 1st Jan.1973	No. added during 1973	No. with-drawn in 1973	No. on the register at 31st Dec.1973	Ordinary School	Special Schools		Day Class or School	Special School	Refusal by Parents	
						Day Class or School	Residential School				
Blind	-	-	-	-	-	-	-	-	-	-	-
Partially Sighted	7	-	1	6	3	-	3	-	-	-	6
Deaf	3	1	-	4	-	2	1	-	1	-	4
Partially Hearing	31	4	6	29	11	14	3	-	1	-	29
Delicate	9	2	2	9	5	2	2	-	-	-	9
Diabetic	11	-	1	10	9	1	-	-	-	-	10
Educationally Sub-normal	105	11	5	111	2	89	3	14†	2	1	111
Epileptic	29	5	6	28	27	-	1	-	-	-	28
Maladjusted	9	4	2	11	1	1	9	-	-	-	11
Physically Handicapped	173	12	23	162	126	30	5	1	-	-	162
TOTALS	377	39	46	370	184	139	27	15	4	1	370

† This figure includes children in 'Opportunity' Classes awaiting Day Special School accommodation and also children recommended for 'Opportunity' Classes who have managed to cope in small remedial classes in Secondary Schools

PREVENTION OF TUBERCULOSIS
B.C.G. VACCINATION OF SCHOOL CHILDREN

	Kind of School			Totals	
	Local Authority Schools	Private Schools	St. Thomas More Approved School	No.	%
No. of consent forms issued to parents	1403	87	61	1551	-
No. of parental consents received	1246	74	60	1380	89.0
No. of definite refusals	67	8	1	76	4.9
No. of parents who did not reply	90	5	-	95	6.1
TOTALS	1403	87	61	1551	100
No. of children tested	1089	66	35	1190	86.2
No. of children with consent forms but not tested	157	8	25	190	13.8
TOTALS	1246	74	60	1380	100
No. of children tested and found to be:-					
Positive reactors ...	134	11	21	166	13.9
Negative reactors ...	891	51	11	953	80.1
No. not read	64	4	3	71	6.0
TOTALS	1089	66	35	1190	100
No. of negative reactors vaccinated	886	51	11	948	-

PREVENTION OF TUBERCULOSIS
SKIN TESTING OF SCHOOL ENTRANTS

Number of children already tested	...	...	...	...	17
Number of 'no replies'	...	...	...	...	220
Number of definite refusals	...	...	...	...	63
Number of consents received	...	...	...	...	1276
Total number of eligible children	...	...	...	...	1576
Number of children tested	...	...	...	...	1164
Number of children absent from the test	...	...	...	...	112
Total number of children for whom consents were received					1276
Number of children tested and found to be:-					
(a) positive	...	...	...	...	39
(b) positive from previous B.C.G. vaccination				...	44
(c) negative	...	...	...	...	1057
(d) absent from reading	...	...	...	...	24
Total number of children tested	...	...	...	...	1164
Number of children referred to the Chest Clinic	...	...			35
Number of contacts found to have active disease	...	...			NIL